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IN THE SEQUENCE LISTING:

Please enter the revised Sequence Listing submitted herewith into the instant application in accordance with 32 C.F.R. §§ 1.77(a)(15) and 1.821(c).

**REMARKS**

The Specification has been amended to add the sequence ID numbers for two amino acid sequences.

Applicants have received a Notice to comply with requirements for patent applications containing nucleotide sequence and/or amino acid sequence disclosures (hereafter the "Notice") mailed by the United States Patent and Trademark Office on September 13, 2002 in connection with the above-identified application. In response to the Notice, Applicants submit herewith (1) a Substitute Sequence Listing in paper and computer readable form pursuant to 37 C.F.R. § 1.821(c) and (e), respectively; and (2) a return copy of the Notice, which address the concerns raised by the Examiner.

I hereby state that the content of the paper and computer readable copies of the Substitute Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c) and (e), respectively, are the same. I hereby state that the submission herein, filed in accordance with 37 C.F.R. § 1.821(g) does not include new matter.

Respectfully submitted,

Date: Oct. 11, 2002

*Allan A. Fanucci*  
*by Rosa A. Cherini (50,932)*  
Allan A. Fanucci(Reg. No. 30,256)

**WINSTON & STRAWN**  
**CUSTOMER NO.: 28765**

(212) 294-3311



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09/644456			

RECEIVED  
OCT 17 2002  
TECH CENTER 1600/2900

EXAMINER	
Michael Borin	
ART UNIT	PAPER NUMBER
1631	12

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application  
Commissioner of Patents

Response to restriction requirement is acknowledged.

Upon review it was found that the sequence listing filed 11/20/01 is not complete. There are sequences remaining in specification that are subject to sequence listing rules, but which are not included in the sequence listing. See p. 27, Table, third compound from the bottom, and p. 14, line 28.

37 CFR 1.821 requires that:

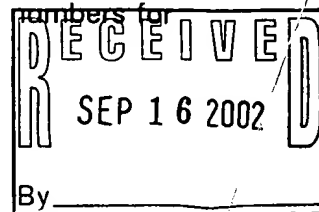
Where the description or claims of a patent application discuss a sequence that is set forth in the "Sequence Listing" in accordance with paragraph (c) of this section, reference must be made to the sequence by use of the sequence identifier, preceded by "SEQ ID NO: " in the text of the description or claims, even if the sequence is also embedded in the text of the description or claims of the patent application.

See MPEP 2422.

Applicant is requested to provide SEQ ID Nos for all peptide sequences in specification which are subject to sequence rules and to provide a revised substitute computer readable and paper copy of Sequence listing.

Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Borin whose telephone number is (703) 305-4506. Dr. Borin can normally be reached between the hours of 8:30 A.M. to 5:00 P.M. EST Monday to Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Michael Woodward, can be reached at (703) 308-4028. The fax numbers for



this group are (703) 305-3014 and (703) 308-4242.

Any inquiry of a general nature or relating the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.

September 11, 2002  
mlb

MICHAEL BORIN, PH.D  
PRIMARY EXAMINER

A handwritten signature in black ink, appearing to read "Michael Borin", is written below the printed name.